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PATENT APPLICATION

UNIZED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q90666

Keiichi KAWAGOE, et al.

Appln. No.: 10/551,414

Group Art Unit: 1614

Confirmation No.: 4000

Examiner: Not yet assigned

Filed: September 30, 2005

For:

HYDRAZONE DERIVATIVE

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §§ 1.97 and 1.98

MAIL STOP AMENDMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, except for the following: U.S. patents and/or U.S. patent publications; and co-pending non-provisional U.S. applications filed after June 30, 2003.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

U.S. Appln. No.: 10/551,414

Attorney Docket No.: Q90666

filing a request for continued examination (RCE) under §1.114, and therefore, no Statement

under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for

foreign language documents, Applicant encloses herewith a copy of a Communication from a

foreign patent office in a counterpart application citing such documents, together with an

English-language version (if not already included) of at least that portion of the Communication

indicating the degree of relevance found by the foreign patent office.

The submission of the listed documents is not intended as an admission that any such

document constitutes prior art against the claims of the present application. Applicant does not

waive any right to take any action that would be appropriate to antedate or otherwise remove any

listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue

Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any

overpayments to said Deposit Account.

Respectfully submitted,

Registration No. 32,197

SUGHRUE MION, PLLC

Telephone: (202) 293-7060

Facsimile: (202) 293-7860

WASHINGTON DC SUGHRUE/265550

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CUSTOMER NUMBER

Date: June 12, 2007

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Q90666

Substitute for Form 1449 A & B/PTO	Complete if Known		
Substitute for Form 1449 A & B/F IO	Application Number	10/551,414	
INFORMATION DISCLOSURE	Confirmation Number	4000	
STATEMENT BY APPLICANT	Filing Date	September 30, 2005	
STATEMENT DY APPLICANT	First Named Inventor	Keiichi KAWAGOE	
(use as many sheets as necessary)	Art Unit	1614	
	Examiner Name	Not yet assigned	

of

Sheet

	U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite	Document Number		Publication Date		
	No.1	Number	Kind Code ² (if known)	MM-DD-YYYY	Name of Patentee or Applicant of Cited December 1	
		US 6,489,512	B1	12/03/2002	Hicks et al.	
	-	US 3,013,013		12/12/1961	Carboni et al.	
		US				
		US		,		
		US				
		US				
		US				

Attorney Docket Number

FOREIGN PATENT DOCUMENTS							
1	Cite	Foreign Patent Document			Publication Date	Name of Patentee or	
	No.1	Country Code ³	Number ⁴	Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	Translation ⁶
		wo	03/007962	A1	01/30/2003		English
		WO	02/40025	Al	05/23/2002		English
		EP	0 382 076	Al	08/16/1990		No
		wo	01/68611	Al	09/20/2001		English
		wo	92/12135	Al	07/23/1992		English
		EP	0 383 449	A2	01/29/1990		English
		GB	1,112,220	A	05/01/1968		English
		WO	03/039548	A1	05/15/2003		English
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NON PATENT LITERATURE DOCUMENTS				
Examiner Cite Initials* No.1		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.		
		XP-009056796 - Iveta Wiedermannova et al., "OXO DERIVATIVES OF QUINOXALINE VI*.	Ī	
[SYNTHESIS OF SOME ARYLHYDRAZONES OF 6,7-DISUBSTITUTED-1,2-DIHYDRO-		
		QUINOXALINE-3-CARBALDEHYDE" (2002) Univ. Palacki, Olomouc, Vol. 41, No. 53, pp. 59-63		
		XP-004105059 - "Chemistry and Nonlinear Optical Properties of New 2H-Benzotriazole Derivatives"		
l		(1996) Elsevier Science Ltd., Vol. 52, No. 46, pp. 14607-14624		
		XP-002423191 - "A Novel Series of 2,5-Substituted Tryptamine Derivatives as Vascular 5HT IB/ID		
		Receptor Antagonists" (1997) J. Med. Chem., Vol. 40, No. 15, pp. 2347-2362		
		XP-002423192 - "PMR STUDY OF ETHYL ARYLHYDRAZONOCYANOACETYLCARBAMATES		
1		AND OF ARYLHYDRAZONO-2-CYANOMETHYLBENZIMIDAZOLE" (1969) Collection Czechoslov,		
		Chem. Commun., Vol. 35, No. 10, pp. 2936-2943		
		Partial European Search Report dated March 14, 2007		

Examiner Signature	Date Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.